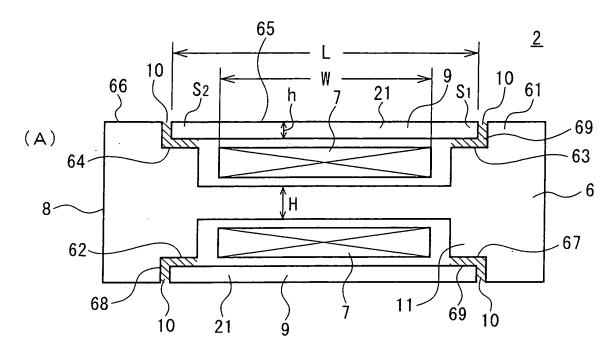


Fig. 2



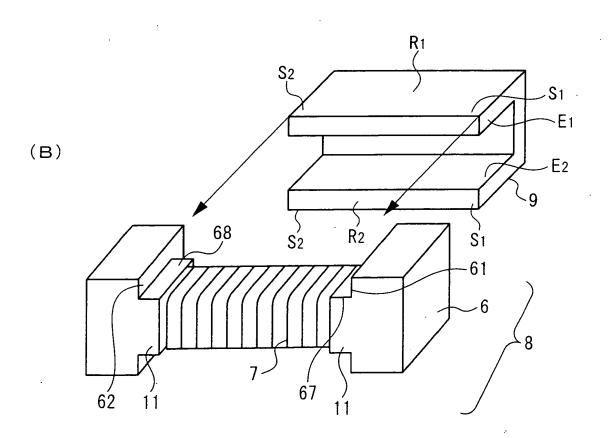


Fig. 3

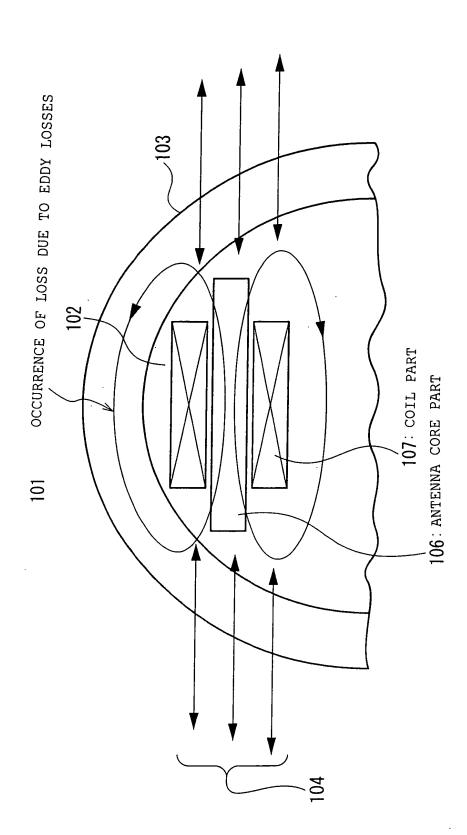


Fig. 4

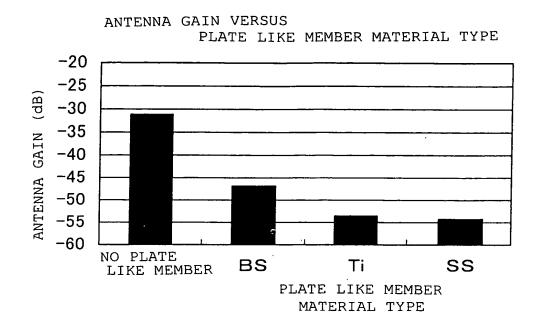
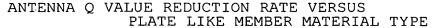


Fig. 5



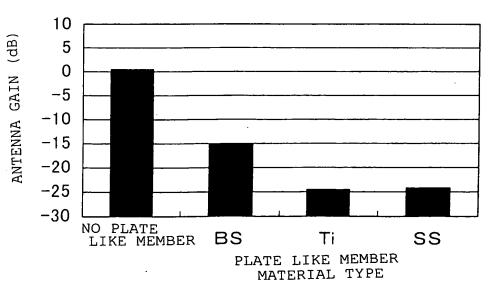


Fig. 6

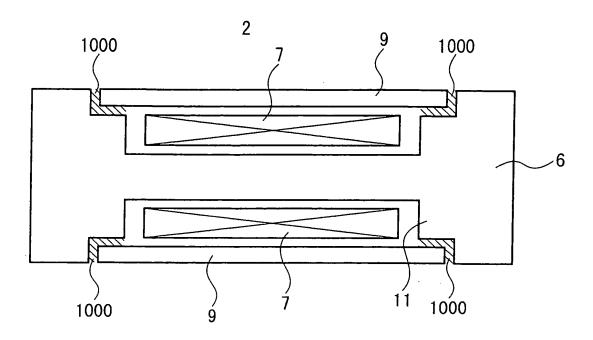


Fig. 7

ANTENNA Q VALUE - GAP EFFECT

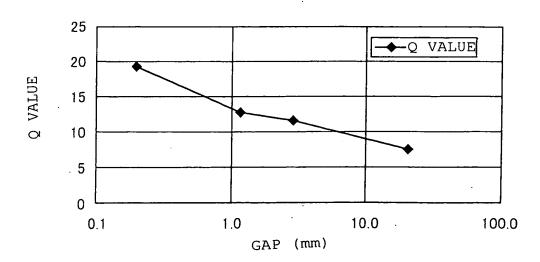


Fig. 8

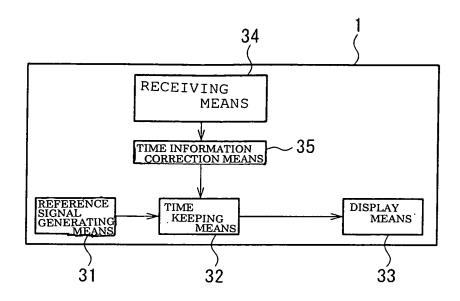
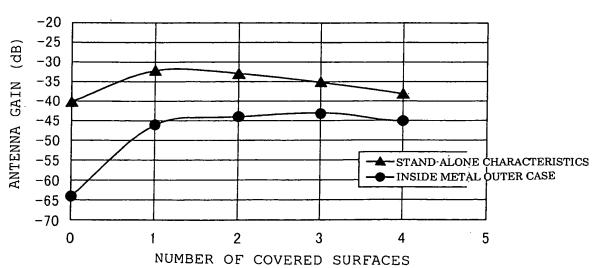


Fig. 9

ANTENNA GAIN VERSUS NUMBER OF COVERED SURFACES



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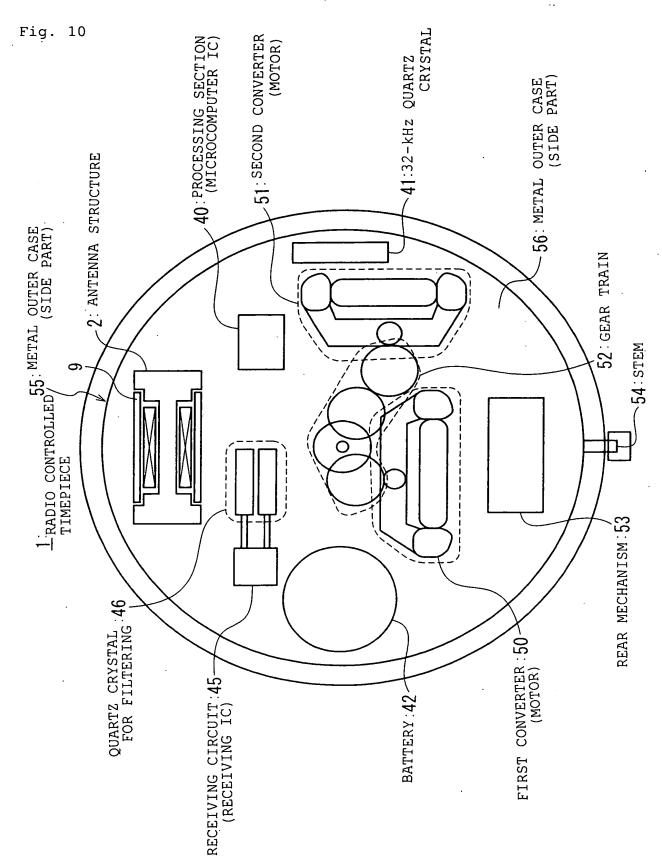


Fig. 11

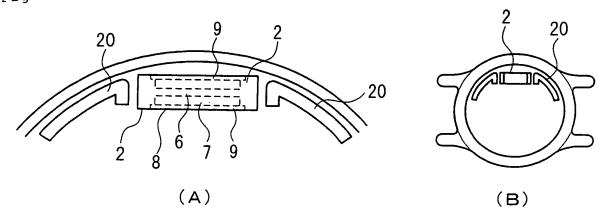


Fig. 12

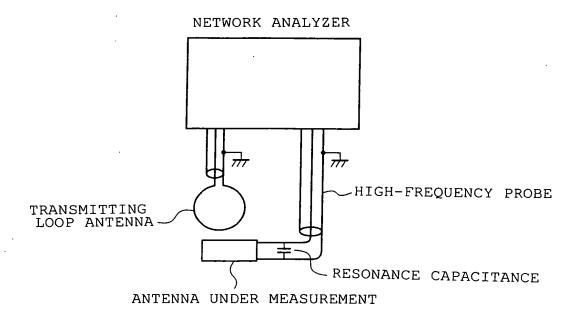


Fig. 13

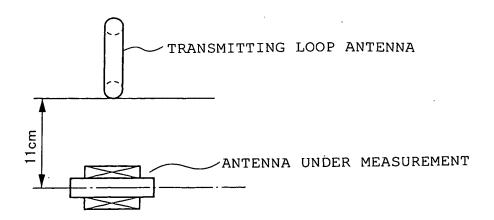


Fig. 14

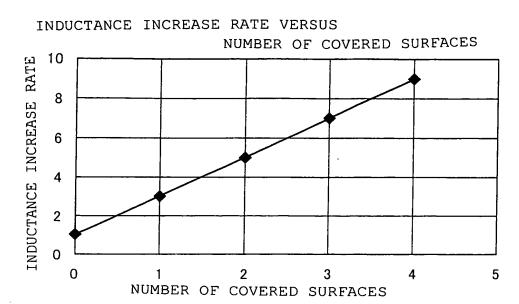


Fig. 15

ANTENNA GAIN INCREASE AMOUNT VERSUS MOUNTING DISTANCE

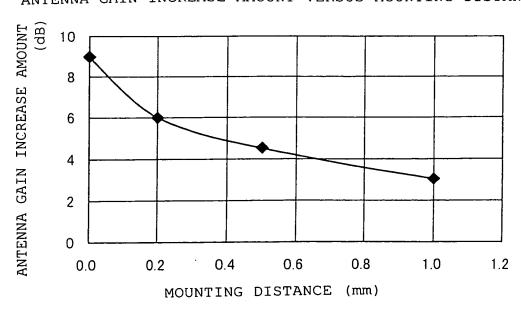


Fig. 16

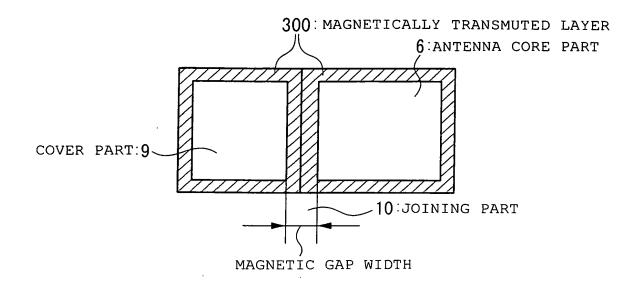
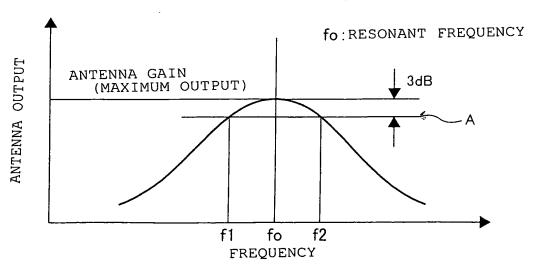


Fig. 17

RESONANT ANTENNA OUTPUT CHARACTERISTICS



ANTENNA STRUCTURE... 06/07/06 Shigeyuki Takahashi - 1912.75301 Greer, Burns & Crain, Ltd. (Patrick G. Burns) Sheet 11 of 13 (312) 360-0080

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Fig. 18

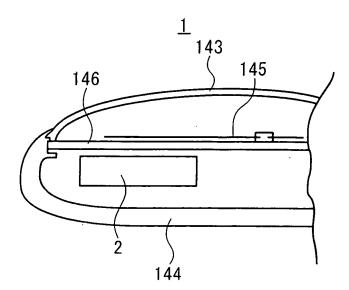


Fig. 19

